



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DEX-0142  
Inventors: Macina et al.  
Serial No.: 09/802,674  
Filing Date: March 9, 2001  
Examiner: Harris, Alana M.  
Group Art Unit: 1642  
Title: Method of Diagnosing, Monitoring,  
Staging, Imaging and Treating  
Gastrointestinal Cancer

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Date of Deposit AUGUST 2, 2004

I hereby certify that this paper is being deposited with the  
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By Kathleen A. Tyrell  
Typed Name: Kathleen A. Tyrell, Reg. No. 38,350

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R.  
§§1.97-1.98, information relating to the above-identified  
application is hereby disclosed. Inclusion of information in  
this statement is not to be construed as an admission that this  
information is material as that term is defined in 37 C.F.R.  
§1.56(b).

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02 FC:1806 180.00 DA

- ( ) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- (XX) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- ( ) Certification in Accordance with §1.97(e) is attached hereto; or
- (XX) Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.
- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

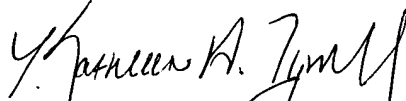
( ) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,

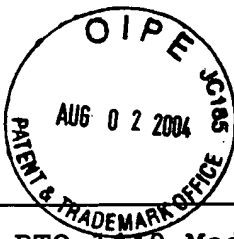


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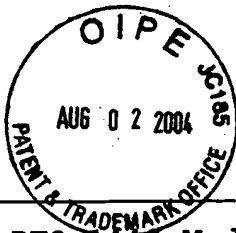
Date: August 2, 2004

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<b>Form PTO-1449 Modified</b>		<b>Docket No.</b> <b>DEX-0142</b>	<b>Serial No.</b> <b>09/802,142</b>
<b>List of Patents and Publications Cited by Applicant (Use several sheets if necessary)</b>		<b>Applicant</b> <b>Macina et al.</b>	
		<b>Filing Date</b> <b>March 9, 2001</b>	<b>Group</b> <b>1642</b>
<b>U.S. Department of Commerce</b>			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	BA	Bekku et al., "Expression of Carbonic Anhydrase I or II and Correlation to Clinical Aspects of Colorectal Cancer", Hepato-Gastroenterology 2000 47:998-1001	
	BB	Brady et al., "The human carbonic anhydrase I gene has two promoters with different tissue specificities", Biochem. J. 1991 277:903-905	
	BC	Edwards et al., "Assignment of the gene determining human carbonic anhydrase, CA I, to chromosome 8", Ann. Hum. Genet. 1986 50:123-129	
	BD	Gerritsen et al., "In silico data filtering to identify new angiogenesis targets from a large in vitro gene profiling data set", Physiol Genomics 2002 10:13-20	
	BE	Kivelä et al., "Differential Expression of Cytoplasmic Carbonic Anhydrases, CA I and II, and Membrane-Associated Isozymes, CA IX and XII, in Normal Mucosa of Large Intestine and in Colorectal Tumors" Digestive Diseases and Sciences 2001 46(10):2179-2186	
	BF	Kondo et al., "Estimations of active and inactive carbonic anhydrase isozyme B in human red cells", Clinica Chimica Acta 1975 60:347-353	
	BG	Kondo et al., "Estimation and characterization of glycosylated carbonic anhydrase I in erythrocytes from patients with diabetes mellitus", Clinica Chimica Acta 1987 166:227-236	
	BH	Kino-Ohsaki et al., "Serum Antibodies to Carbonic Anhydrase I and II in Patients With Idiopathic Chronic Pancreatitis and Sjögren's Syndrome", Gastroenterology 1996 110:1579-1586	
	BI	Puscas et al., "The mechanism of action of angiotensin II is dependent on direct activation of vascular smooth muscle carbonic anhydrase I", Int J Clin Lab Res 2000 30:119-125	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



Sheet 02 of 02

<b>Form PTO-1449 Modified</b>		<b>Docket No.</b> <b>DEX-0142</b>	<b>Serial No.</b> <b>09/802,674</b>
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<b>U.S. Department of Commerce</b>			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	BJ	Mayeux et al., "Early Postnatal Muscle Contractile Activity Regulates the Carbonic Anhydrase Phenotype of Proprioceptive Neurons in Young and Mature Mice: Evidence for a Critical Period in Development", Neuroscience 1996 72(3):787-795	
	BK	Milov et al., "The Effect of Bile Salts on Carbonic Anhydrase", Hepatology 1992 15:288-296	
	BL	Mori et al., "The Significance of Carbonic Anhydrase Expression in Human Colorectal Cancer", Gastroenterology 1993 105:820-826	
	BM	Murakami et al., "Purification and Characterization of Human Salivary Carbonic Anhydrase", J. Biol. Chem. 1987 262(3):1382-1388	
	BN	Shepherd et al., "The Measurement of Human Erythrocyte Carbonic Anhydrase I by the Enzyme Linked Immunosorbent Assay (ELISA)", Clin. Biochem. 1982 15(5):248-251	
	BO	Siffert et al., "Carbonic anhydrase in human platelets", Biochem. J. 1984 217:727-730	
	BP	Sly et al., "Human Carbonic Anhydrases and Carbonic Anhydrase Deficiencies", Annu. Rev. Biochem. 1995 64:375-401	
	BQ	Venta et al., "Polymorphic gene for human carbonic anhydrase II: A molecular disease marker located on chromosome 8", Proc. Natl. Acad. Sci. USA 1983 80:4437-4440	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	